

ABSTRACT OF THE DISCLOSURE

A device and method for forming a groove pattern in a light-guiding plate for obtaining high luminance and decreasing processing time, thereby improving yield. The device has a tool unit including a tool guide and a head which is further provided with a heating plate disposed below the tool unit; a stamper disposed under the heating plate; and a plurality of cutting tools extending from a lower side of the stamper at fixed intervals, for forming a plurality of groove patterns in a surface of the light-guiding plate.